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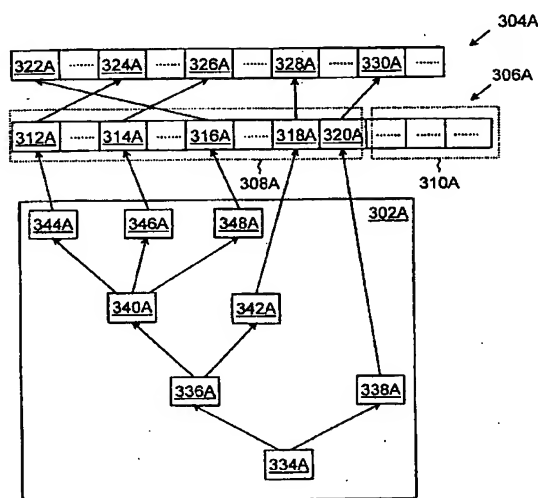
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(54) Title: METHOD FOR PROCESSING COMPUTER AIDED POLYGON MODEL



(57) Abstract: The invention relates to a method for processing a computer aided polygon model, and to a device and computer program for implementing the method. The invention comprises presenting the polygon model with a linear and static vertex array (304A) and with a linear index array (306A) including vertex array pointers. The hierarchical information on the vertices of the polygon model part to be presented graphically is included in a hierarchical data structure (302A) pointing indirectly at the vertices of the vertex array (304A) through the index array (306A), the hierarchical data structure (302A) being used in reducing the polygon model part to be presented graphically. The invention allows an effective way to reduce the size of the polygon model part to be presented graphically such that the reduction affects the appearance of the polygon model as little as possible.

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